BCA (Bachelor of computer Application)

Corse/ program: BCA (Bachelor of computer Application)
Duration: Three Years
Affiliation: Shivaji University, Kolhapur
Course Type: Non Grantable

Course Outcome:
1) Students will able to recognize & appreciate the role of computing in a wide variety of activities & application of Modern society, including commerce, education, communication.
2) Analyze a given problem and develop an algorithm to solve the problem.
3) Demonstrate the basic technicalities of creating word document, creating power point presentation, design spreadsheet for office use.
4) Develop the software projects by understanding the client requirement.
5) Define fundamental account concept, conventions & terminologies.
6) Implement the various programming languages like C, C++, VB. Net, Java Construct in the right way.
7) Able to master the basic concept and understand the database management system.
8) Evaluate and analyze the SDLC, understand software design, coding techniques and software testing principle.

Program Outcomes:
1) Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals to the solution of complex engineering problems.
2) Problem Analysis: identify, formulate, review and analyze complex problems using various techniques.
3) Design/Development of solutions: Design solutions for complex problem and design the system components or processes that meet the specific needs.
4) Conduct Investigation of complex problems: Using various investigation techniques he can investigate large and complex problems.
5) Modern Tool Usage: create, select and apply appropriate techniques, resources and modern IT tools.
6) Communication: Communicate effectively on complex activities and with the society at large and write effective documentation, make effective presentation and give and receive clear instructions.
7) Individual and team work: Function effectively as an individual, and as a member or leader or project manager in project team.
8) Project Management: Effectively manage project work according to time scheduling, cost scheduling and also satisfy customer needs.
 9) Lifelong learning: Recognize the needs for, and have the preparation and ability to engage in independent and lifelong learning.

Program Specific Outcomes:
1) Students will able to understand, analyze and develop computer programs in the areas related to algorithm, system software, web design and networking for efficient design of computer based system.
2) Apply standard software engineering practices and strategies in software project development using open source programming environment to deliver a quality of product for business success.
3) Student will able to know various issues, latest trends in technology development and thereby innovate new ideas and solutions to existing problems.